C= 9.03 MF

$$\left(\frac{1}{6} + \frac{1}{10} + \frac{1}{16}\right)^{-1} = 3.03 \text{ nf}$$

## Parallel 2014 Capacitor

## 29.P.54 \

$$C_{1} = \frac{Q}{4\pi c_{2}} = \frac{Q}{12\pi c_{3}} = \frac{Q}{2\pi c_{3}} = \frac{Q}{2\pi c_{3}}$$

$$C_{3} = \frac{Q}{2\pi c_{3}} = \frac{Q}{2\pi c_{3}} = \frac{Q}{2\pi c_{3}}$$

$$C_{4} = \frac{Q}{2\pi c_{3}} = \frac{Q}{2\pi c_{3}$$

$$C_1: \Delta V = IV$$
  $C_2: \Delta V = IV$   $C = 12M$ 

$$C = 1.78 \times 10^{-6} \, \text{F}$$

$$C_{1}+c_{2}=16\mu f$$
 Q: Q=C.QV  
 $C_{2}=(\frac{1}{16\mu r}+\frac{1}{2\mu F})^{-1}$  C=1.78×10<sup>-6</sup> F  
 $C_{1}:\Delta V=1V$  Cs:  $\Delta V=8V$   
Q=4\(\text{Q}=16\text{MC}\)
 $C_{2}:\Delta V=1V$ 
 $C_{2}:\Delta V=1V$ 
 $C_{3}:\Delta V=8V$ 
 $C_{4}=12\mu C$ 

$$\Delta V = \frac{Q}{C} = IU$$
  $\Delta V = \frac{Q}{C} = 8V$ 

$$29.00.10) \quad C = \frac{\omega}{\partial v} = \frac{\epsilon_0 A}{\partial v}$$